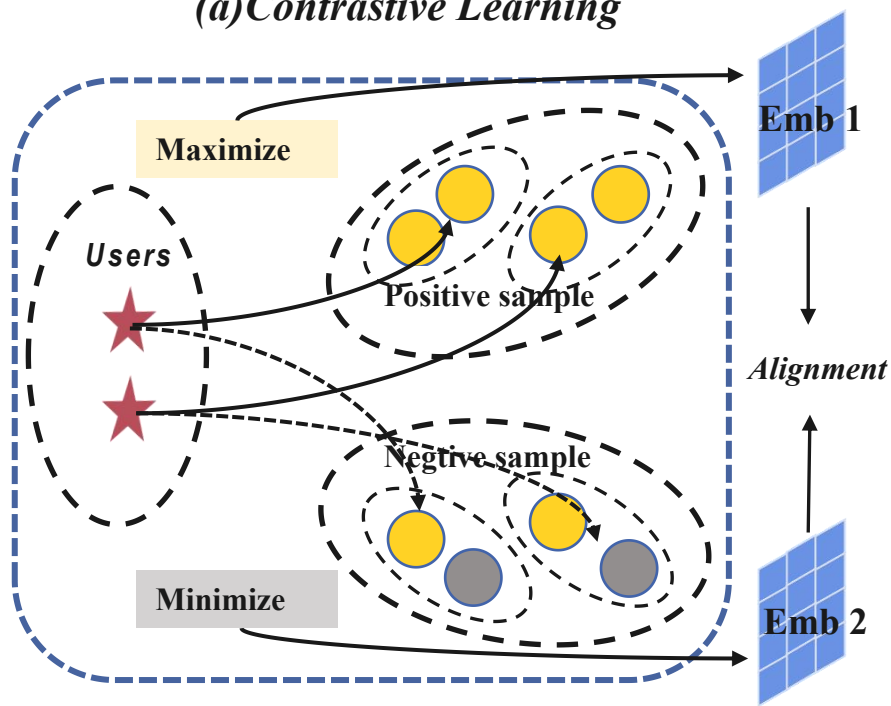
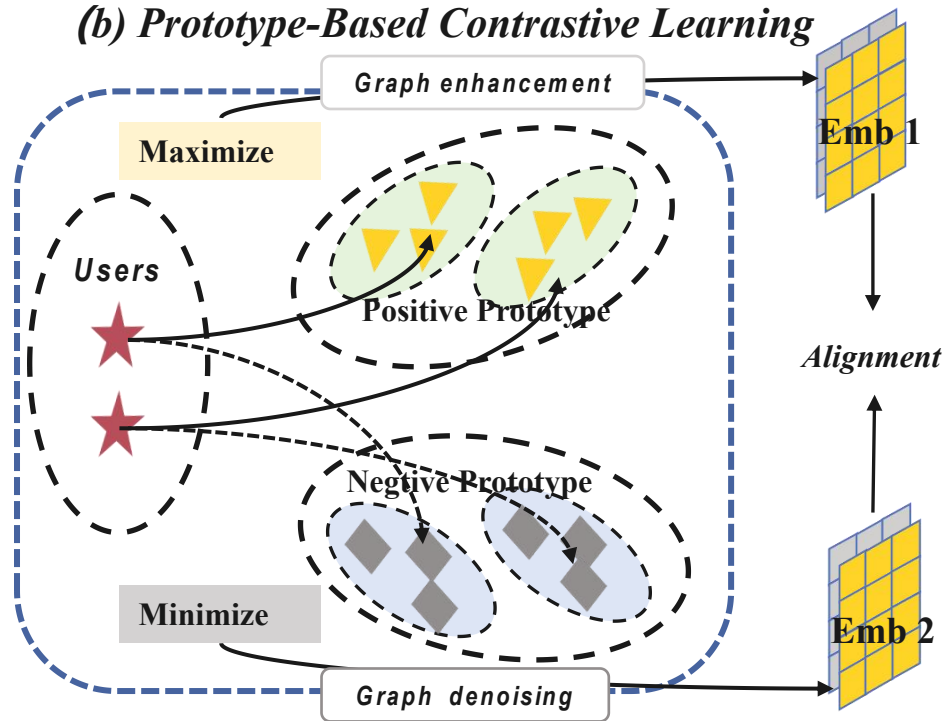






*(a) Contrastive Learning*



*(b) Prototype-Based Contrastive Learning*



 : Same user embedding across domains  
 : Different user embedding across domains  
—————> : Pull together

 : Prototype with high user similarity  
 : Prototype with low user similarity  
-----> : Push apart